

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: S. KONDO, et al.
Application No.: Rule 53(b) of No. 10/441,063
Filed: April 16, 2004
For: POLISHING METHOD
Expected Group: 2812
Expected Examiner: B. Tran

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR § 1.97 AND § 1.98

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

April 16, 2004

Sir:

Pursuant to Applicants' duty of disclosure, enclosed please find a List, on a form substantially equivalent to Form PTO-1449, of documents cited in connection with at least one of (a) prior Application No. 09/182,438, filed October 30, 1998, (b) a Re-examination proceeding concerning the patent issuing from No. 09/182,438, (c) prior Application No. 09/618,999, filed July 18, 2000, and (d) prior Application No. 10/441,063, filed May 20, 2003.

Since prior Application No. 09/182,438, No. 09/618,999 and No. 10/441,063 are being relied upon in the above-identified application under 35 USC §120, copies of the listed documents are not enclosed. See 37 CFR § 1.98(d).

This Information Disclosure Statement is being submitted concurrently with the filing of the above-identified Continuation application. Accordingly, requirements of 37 CFR §1.97(b) are satisfied.

In view of all of the foregoing, it is respectfully submitted that all applicable requirements of 37 CFR §1.97 and §1.98 have been satisfied, in connection with all documents on the enclosed List. Accordingly, consideration of the listed documents, upon examination of the above-identified application, is respectfully requested.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees and excess claim fees, to Deposit Account No. 01-2135 (referencing case No. 501.36636CC3), and please credit any excess fees to such deposit account.

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS, LLP

A handwritten signature in black ink, appearing to read "William I. Solomon", is written over the printed name.

William I. Solomon
Registration No. 28,565

WIS/sjg

Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DKT. NO. 501.36636CC3	SERIAL NO. TBD
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT KONDO, et al.	
		FILING DATE April 16, 2004	GROUP 2812

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
AA	5,858,813	1-12-99	Scherber, et al.	438	693	
AB	5,866,031	2-2-99	Carpio, et al.	252	79.1	
AC	5,840,629	11-24-98	Carpio	438	692	
AD	5,783,489	7-21-98	Kaufman, et al.	438	692	
AE	5,759,917	6-2-98	Grover	438	690	
AF	5,733,176	3-31-98	Robinson, et al.	451	41	
AG	5,695,660	12-9-97	Litvak	216	85	
AH	5,676,760	10-14-97	Aoki, et al.	134	1.3	
AI	4,944,836	6-90	Beyer, et al.			
AJ						
AK						
AL						

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
AM							
AN							
AO							
AP							
AQ							
AR							
AS							
AT							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AU	"Pattern Geometry Effects in the Chemical-Mechanical Polishing of Inlaid Copper Structures", J. Electrochem. Soc., vol. 141, p. 2842-2848, October 10, 1994.
AV	"An Examination of Slurry for Wiring Metal's Chemical-Mechanical Polishing", vol. 41, p. 35-37, June 1997 (in Japanese)
AW	"Semiconductor International", Semiconductor World, p. 171-172, May 1995 (in Japanese)
AX	"Electrochemical Potential Measurements during the Chemical-Mechanical Polishing of Copper Thin Films", J.E. Electrochem. Soc., vol. 142, July 7, 1995 p. 2379-2385.
AY	"Chemical Mechanical Polishing of Copper using a Slurry composed of glycine and hydrogen peroxide", CMP-MIC Conferences 1996 ISMIC, February 22-23, 1996, CMP p. 119-123.
AZ	Kashiwagi, The Science of CMP (1997), p. 299-300.
Examiner	
Date Considered	

FORM PTO-1449 U.S. Department of Commerce
(Rev. 4/92) Patent and Trademark Office

ATTY. DOCKET NO.
501.36636CC3

SERIAL NO.

TBD

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

APPLICANT
KONDO, et al.

FILING DATE
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GROUP
2812

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,770,095	06/1998	Sasaki, et al			
	6,117,783	09/2000	Small, et al.			
	6,001,269	12/1999	Suthuraman, et al.			
	5,932,486	08/1999	Cook, et al.			
	5,875,507	03/1999	Stephens			
	5,972,792	10/1999	Hudson			
	5,575,885	1996	Hirabayashi, et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation/ ABSTRACT	
						YES	NO
	07-233485	1995	Japan			X	
	07-161669	1995	Japan			X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.